

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2447	(370/206-210).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/21 07:20
S2	2769	(370/329-330).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 17:39
S3	357	(370/334).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 17:39
S4	912	(370/343-344).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 17:39
S5	1	10/562620	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/21 08:40
S6	952	(455/101).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 17:42
S7	2	S6 and (mino or siso) with (preable or training symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 17:44
S8	5	(ofdm) near2 (mino or siso) with (preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:01

## EAST Search History

S9	0	(long training symbol\$1 or short training symbol\$1 or guard symbol\$1) with (antenna diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:02
S10	207	((long near2 train\$3 near2 symbol\$1) or (short near2 train\$3 near2 symbol\$1) or (guard near2 symbol\$1) near2(antenna diversity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:04
S11	70	S10 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:05
S12	0	(Mino or Siso) with (preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:22
S13	0	((Mino or Siso) near2 (ofdm)with (preamble))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:22
S14	44	((transmit\$3 near2 preamble) with (mimo or siso))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:32
S16	3	"20020065047"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:35
S17	1	10/562619	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/18 18:38

## EAST Search History

S18	4	10/249557	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 09:30
S19	2804	"455".clas. and (antenna near2 diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 09:31
S20	288	S19 and (mimo or siso)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 09:31
S21	80	S20 and @ad<"20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 09:39
S22	111	((OFDM) with (train\$3 near2 symbol\$1) and (short symbol or long symbol or guard symbol or signal field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 07:43
S23	33	S22 and (mimo or siso)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 09:41
S24	82	S22 and (preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 09:47
S25	55	((ofdm) with (mimo or siso) with ("802.11a" or "802.11g"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:08

## EAST Search History

S26	952	(455/101).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:16
S27	18	S26 and (mimo or siso) with (preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:14
S28	691	(455/103).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:16
S29	191	(455/112).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/19 10:48
S32	0	("2005/0035885").URPN.	USPAT	ADJ	ON	2007/12/19 11:00
S33	0	("2005/0035885").URPN.	USPAT	ADJ	ON	2007/12/19 11:15
S46	111	((OFDM) with (train\$3 near2 symbol\$1) and (short symbol or long symbol or guard symbol or signal field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 07:43
S47	77	S46 and (hold time or duration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 07:44
S48	81	S46 and (hold time or duration or feedback\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 07:44
S49	25	S48 and (mimo or siso)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 07:46

## EAST Search History

S50	2	S49 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 07:48
S51	3014	"455".clas. and (channel) near2 (feedback\$3 or reponse signal\$1 or estimat\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 07:50
S52	78	S51 and (Ofdm) with ((train\$ near2 symbol\$1) or (preamble))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 07:51
S53	28	S52 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:05
S54	13	((OFDM) with (signal field) with (hold time or duration))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:09
S55	11	((mino or siso) with (signal field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:11
S56	67970	(signal near2 field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:12
S57	289	S56 and (mimo or siso)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:12

## EAST Search History

S58	140	S57 and (hold time or duration or defer\$2 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:13
S59	55	S58 and (train\$3 near2 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:26
S60	2	S59 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:14
S63	1	(signal near2 field) same (defer\$4 near2 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:30
S64	0	(signal near2 field)with (defer\$4 near2 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:30
S65	395	(signal near2 field)near7 ((defer\$4 near2 time)or (duration) or (hold time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:31
S66	34	S65 and (mimo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 08:35
S67	0	("2005/0181728").URPN.	USPAT	ADJ	ON	2007/12/20 08:34
S68	47	S65 and (mimo or siso or "802.11a" or "802.g")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 09:02

## EAST Search History

S69	1085	"370"/\$.ccls. and mimo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 09:21
S70	313	S69 and preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 09:04
S71	91	S70 and (signal near2 field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 09:11
S72	68	S71 and (duration or hold time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 09:20
S74	2975	"370"/\$.ccls. and (mimo or "802.11a" or "802.11g")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 09:59
S75	684	S74 and (preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 09:22
S76	196	S75 and (signal near2 field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 09:23
S77	29	S76 and (indicat\$3 near2 duration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 09:44

## EAST Search History

S78	3005	"370"/\$.cccls. and (mimo or siso or "802.11a" or "802.11g")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 12:21
S79	241	S78 and (signal near2 field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 10:01
S80	197	S79 and (preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 10:17
S81	31	S80 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 10:02
S82	130	S79 and (preamble)and (duration or hold time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 10:18
S83	18	S82 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 10:26
S84	37185	((defer\$2 or hold) near2 (signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 10:27
S85	40	S84 and (mimo or siso)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 10:27



## EAST Search History

S86	3005	"370"/\$.ccls. and (mimo or siso or "802.11a" or "802.11g")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 15:42
S87	121	S86 and (feedback\$3 near2 receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 12:53
S88	8	S86 and (feedback\$3 near2 receiver) with (performance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 12:35
S89	91	((mimo) with (train\$3 near2 symbol\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 12:38
S90	3	S89 and (antenna near2 performance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 12:38
S91	24	((mimo) with (train\$3 near2 symbol\$1)) and (feedback\$3 near2 receiv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 12:39
S92	39	S87 and @ad<= "20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 13:11
S93	1487	(ofdm) with (mimo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 13:12

## EAST Search History

S94	0	S93 and (trasmitter near2 performance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 13:13
S95	54	S93 and (transmitter near2 performance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 13:13
S96	23	S95 and (feedback\$3 near2 receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 15:12
S97	13	((active)near2(mimo) with (antennas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 14:51
S98	1	((train\$3 near2 symbol\$1) and (select\$1 near2 mimo))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 15:14
S99	95	((feedback\$3 near2 receiver) and (train\$3 near2 symbol\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 15:25
S10 0	46	S99 and (mimo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 15:26
S10 1	223	S86 and (train\$3 near2 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 15:42

## EAST Search History

S10 2	72	S101 and (feedback\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 15:43
S10 3	30	S102 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 15:43
S10 4	179	(scal\$3)with (mimo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 17:35
S10 5	23181	(scal\$3 or reduc\$3 or increas\$3)near2 (antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 17:35
S10 6	841	S105 and (mimo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 17:35
S10 7	479	S106 and (ofdm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 17:36
S10 8	50	S107 and (train\$3 near2 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 17:53
S10 9	0	(scalable) near2 (mimo near2 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 17:54

## EAST Search History

S11 0	7	(scalable antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 17:57
S11 1	179	(scal\$3) with (mimo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 17:57
S11 2	28	S111 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 18:06
S11 5	3	((increas\$3 or scal\$3 or reduc\$3) near2 (mimo antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 18:12
S11 6	23	((increas\$3 or scal\$3 or reduc\$3) near2 (mimo near2 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 18:18
S11 7	23	(increas\$3 or scal\$3 or reduc\$3) near2 (mimo near2 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 18:18
S11 8	2	S117 and @ad<="20030630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/20 18:19
S11 9	1	10/562619	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/21 08:44

## EAST Search History

S12 0	1	10/562620	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/21 08:44
----------	---	-----------	---	-----	----	------------------